

KLEMAN, GERMAN

//ELEKTRONIKA//

--/--/1974, V----, N----, pp 0333-0341

Jul-Aug 1974, No 718

Development of Laser Technology 20 pp

ITRS 63447

#

Agency: Army/Redstone #47
NIPR No. 971-60100-00-7016 9813/0637
26 July 73
Title: Lubricants for Electrical Contacts.
Author: S. T. Olesen
Source: Elektronikcentrales (Danish Research Center for
Applied Electronics), pp 1-72, September 1969.
Language: Danish
Special Instructions: Please translate.
Edited Draft Only.

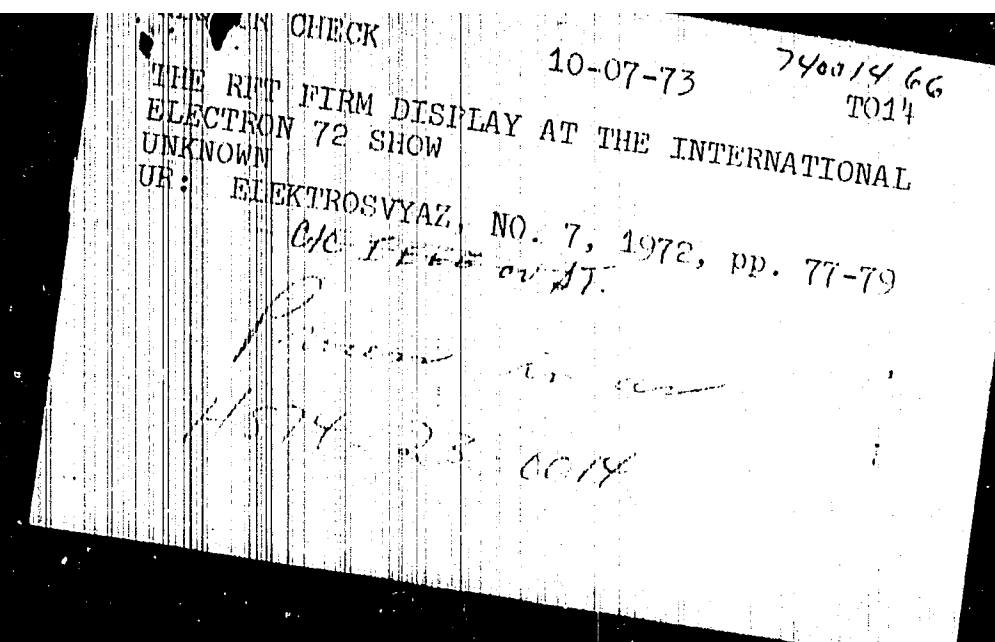
Kozhemyakov, A. V.

Electron-Ion Exchangers

ELEKTROIONOBYMENIKI 1972, 128 pp

*Keter Pub. 1. Sept. 1973

Two.
Protection of cables laid in poorly conducting soil from
direct lightning strikes along the length of the cable
ELEKTROTEKHNIKA, v. 23 n. 7/8, 1970, pp. 306-312
NTC 73-12095-000



Khmel'nitskiy, Ye. A.

Noise protection of communication channels with lagging signals.

ELEKTROSVYAZ, No 8, 1972, pp 39-48

FTD-HS-23-755-73

Roman, B. V.

The State and perspectives of the development of
tonal telegraphy 17 pp.

ELEKTROSVYAZ, nr. 4, April 1978, pp. 71-78

ATR/ETD-HT 22-554-78

3478

13 Jul 73

New satellite communications station orbita-2, by
L. Ya. Kantor, V. A. Polukhin, et al.

Moscow, Elektrosvyaz, No 5, 1973, pp 1-8.

Please publish - including reproductions. Include
picture on front cover; the caption for this picture
is at the bottom of the inside of the front cover.

Onel'yanenko, Yu. I.

Kiev's New Radio-Television Station is Under Construction.

5 pp

ELEKTROSVYAZ', Moscow, No 7, July 1973, pp 3-5.

JPRS 60158

Martsenitsen, S. I.

Telegraph, Teletype and Photocopy Developments
Discussed.

8 pp

ELEKTROSVYAZ', No 10, 1973, pp 1-7.

JPRS 60733

Yablokov, M. N.

Decentralized Printing of Periodicals and Informative Publications.

9 pp

ELEKTRONVYAZ', Moscow, No 11, 1973, pp 1-7.

JPRS 61117

Work of Communications Workers in the Fourth Year
of the Five-Year Plan.

6 pp

ELEKTROSVYAZ', Moscow, No 5, 1974, pp 1-4.

JPRS 62513

HORTOPAN, G.

//ELECTROTECHNICA//

--/06/1985, V0013, N0006

Arrangement of potential dividers and shunts
into classes of precision components

pp 205-210 C. E. Trans 6498##

OPTIMIZATION OF THE LEADS OF A THERMOEMISSION
ENERGY CONVERTER

KONRAD, M., JDNA LANGUAGE-CZ COUNTRY-CZ

ELEKTROTECHNICKY OBZOR, 62/8 1973, 470-473

FSTC-HT-23-0952-74

Pouwels, H.

Measuring temperatures in live line conductors
ELEKTROTECHNIK, Vol 50, No 18, pp 710-713, 31 Aug. 1972

C.E. Trans 6164

may 73

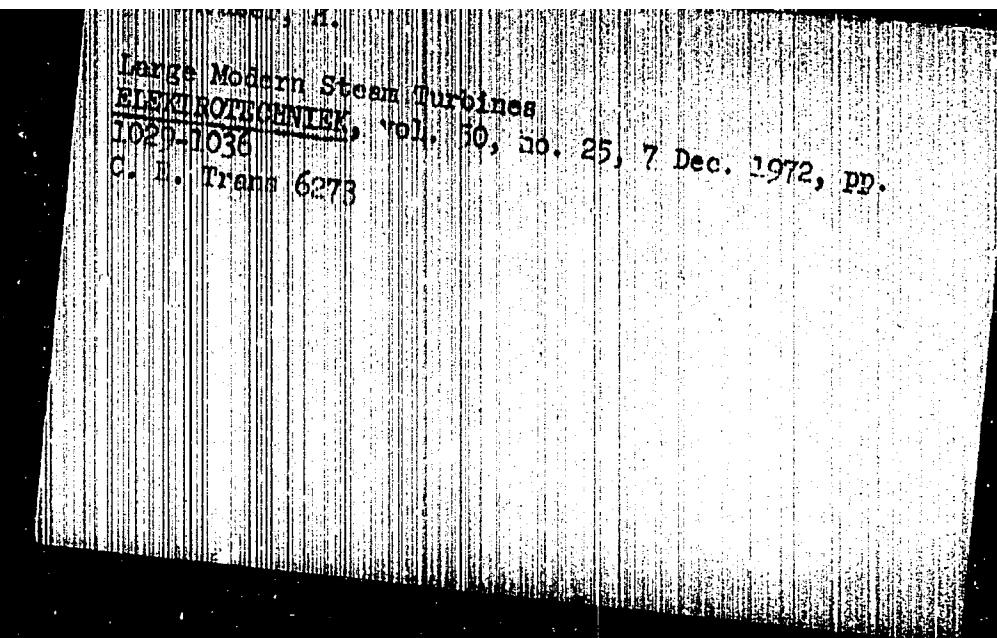
L. J. Clement

The increase in the oxygen content of water in the
rivers maas, amer, and donge due to the presence
of an air power station (Holland)

ELEKTROTECHNIK, Vol 50, No. 21, pp. 638-842,

(12 Oct. 1972)

C. B. Trans. 6192



FORTRAN 77
// INSTRUCTIONS //
-- 10/19/83 VOOB:RPG
Calculation of \sin^2 Used for Measuring Rapidly
Varying Currents,
ET 357-3744, C. L. Trans. 046100

GENERATOR WITH DIRECT EVAPORATIVE COOLING

NAUMENKO, V., M LANGUAGE-OR COUNTRY-UU

ELEKTROTEKHNIKA, NO. 5, 1968, 10-14

FSTC-HT-23-0409-74

Z.E. Genllin

Calculating the Losses in Rolling Friction Bearings
Operating in a Constant Magnetic Field.

ELEKTROTEKHNIKA, Vol 39, No. 12, pp 47-51, 1968.

T.D. trans 4375

apr 73

Wadsworth, Francis

Linear Induction M.D. Machines With Fluid
Metal and Plasma Secondary Part:

21 pp

ELEKTROTECHNIKA, No 3, 1970, pp 91-100

PSTC-HT-23-148-73

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES

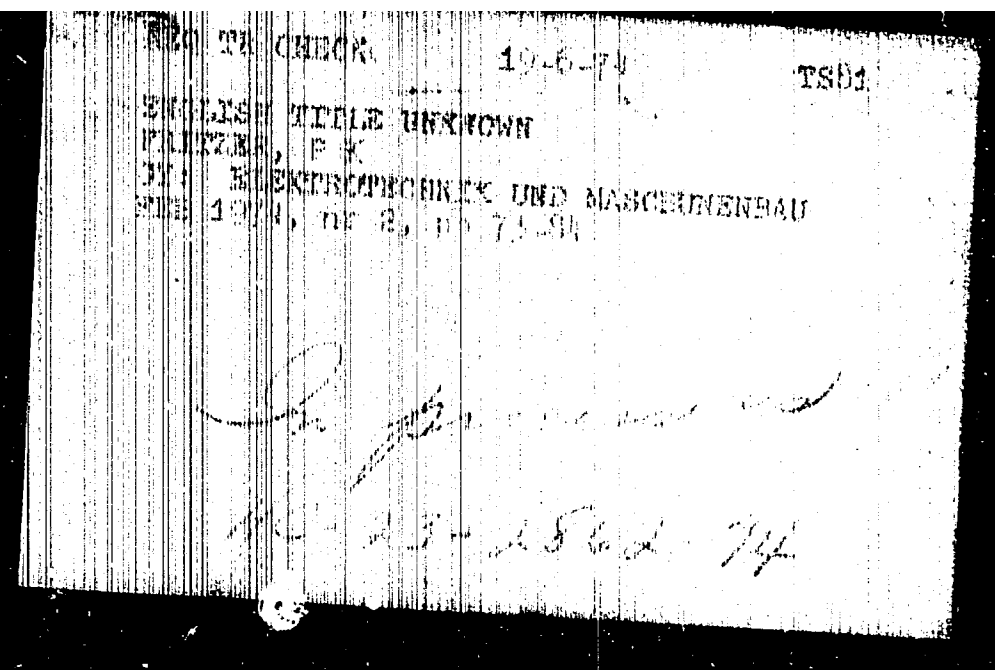
Vartanyan, N. V.

Scientific and Technical Conference of the
Institute of Electromechanics.
ELEKTROTEKHNIKA, No. 10, 1970, pp.58-60.
FSTC-HT-23-1581-71

Voronov, A. A. et al.

The electric strength of liquid dielectrics subjected
to nanosecond impulse voltages

ELEKTROTEKHNIKA, no. 7, 1971, pp. 55-57
ERA TRANS. 2931



---/12/1971, V---, X---
Analysis of the operating regimes of an impulse
tripole generator with regulation of excitation
FLUX, 15 pp
pp 43-46, ESTC-HT-23-1883-7300

PARALLEL OPERATION OF SILICON DEVICES AT HIGH
POWER FREQUENCIES

KOSHCHAYEV, L.,

complete 15 pp
LANGUAGE-RU

COUNTRY-UR

ELEKTROTEKHNIKA, #1/1972, "ENERGIYA", PP. 21-
24.

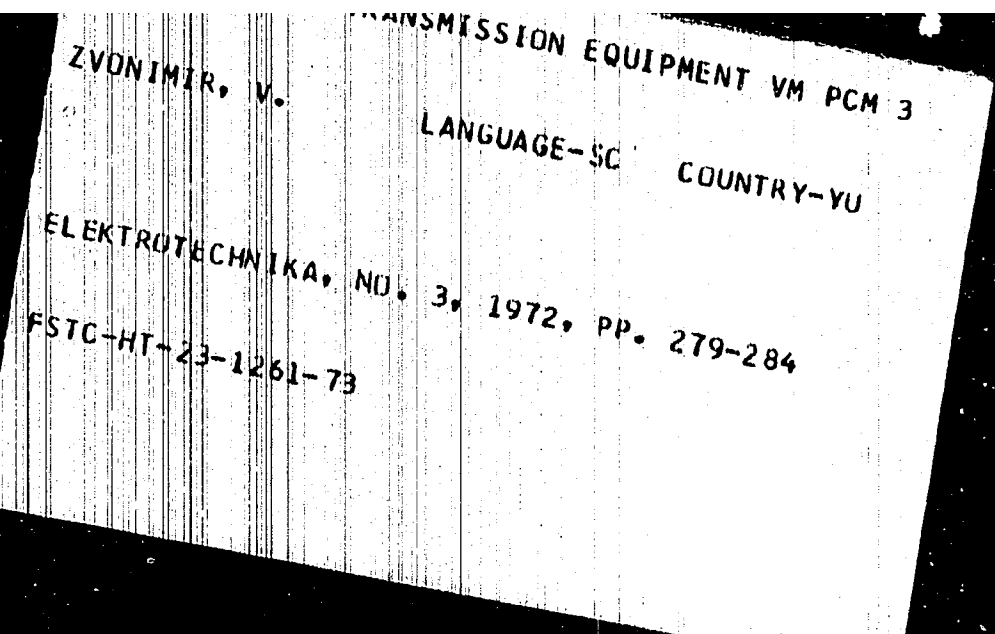
FSTC-HT-23-0205-74

SPATIAL FREQUENCY FILTERING BY OPTICAL METHOD
S

KASAL LANGUAGE-SC COUNTRY-YU

ELEKTROTEHNIKA, NO. 3, 1972, PP. 262-70

FSTC-HT-23-1262-73





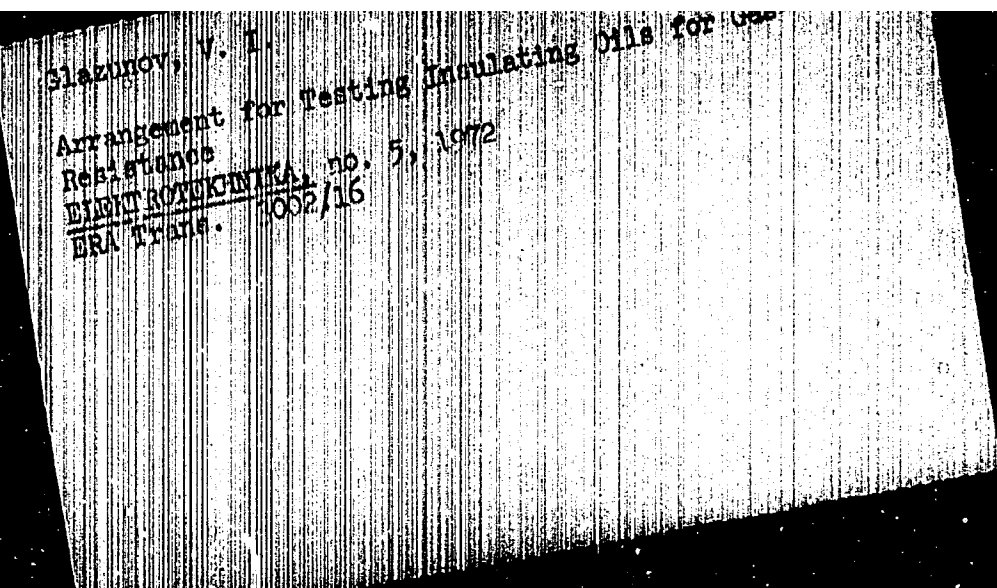
RESERVATIVE, D.
//ELECTRO-SONICITY, AND TEST//
11/11/1977, 700/5, 100005.
Measurement of the Moisture Content of Insulating
Materials Using the Karl Fischer Method,
ED 162-17, ITC 71-1118, 109006

Koritski, Yu. V. et al.

New Cellulose Materials for High Voltage Oil Trans-
formers

DIETEKOTEXNIKA, no. 5, 1972

ERA Trans EDDP/12



Dzhuvarly, Ch. M.

Thermal Vacuum Treatment of Transformer Oils in the
Process of Manufacturing High-Voltage Transformers

ELEKTROTEKHNIKA, no. 5, 1972

ETA Trans-3802/22

Polymers, K. 7.

Heat-resistant electrical insulating papers based on
inorganic fibers.

Elektronizatsiya, MOSCOW, No 6, 1972, pp 22-24

FTC 72-11101-116

Belinson, P. P.

Low-resonance windings for large transformers
ELECTROTECHNICAL JOURNAL, n. 9, 1972, pp. 17-19
REF ID: A66094

KALITMAN, Y. I.
//RESEARCH//
—/01/1972—, 10501.
Study of the structure of a commutator formed by
brushes of ~~graphite~~ ~~graphite~~ composition, 6 pp.
IP 61-68, AIR/PTD-ET-21-1149-7496

TATALOV, I. I.

//ELEKTROTEKHNIKA//

--/01/1973, V-----, NO001,

Harmonic components of the magnetic conductivity
of the air gap of electric motors on a gear
surface, 12pp

PP49-52, AIR/FTD/II-23-1147-74##

Brauman, Ya. S.

Diagnosing sources of vibration in an induction motor.
ELEKTROTEKHNIKA, (USSR), No 1, 1978, pp 58-59

G. E. Trans 6289

SENTINEL, E. M.
//REX/ROCKEFELLER//
---/1973, V---, 10000,
Migration of the State and Holdings of a
Hydroelectric Generator,
200-3, E. Trans. 115100

REQ TR CHECK

30-11-73

TB85

UNKNOWN

ALPERIN, L.B.; MASLENNIKOV, K.N.

UR: ELEKTROTEKHNIKA, No. 2, 1973, pp. 12-15

On Review
FTD-HT-23-1183-74

09/1973, V---, N0002,
Calculating synchronous inductive reactances of
contactless machines when magnetic circuit is
saturated and of machines with superconducting
excitation windings, 20 pp,
pp 20-26, AIR/PTD-HT-23-1184-74#1

REQ TR CHECK

30-11-73

TE88

UNKNOWN

GORODSKIY, D.A.

UR: ELEKTROTEKHNIKA, No. 2, 1973, pp. 33-36

On Review

FTD-HT-23-1186-74

CEMA Adopts New Electrical Equipment Regulations,
by V. A. Semenenko, 7 pp.

RUSSIAN, per, Elektrotehnika, Moscow, No 2,
Feb 1973, pp 41-43.

JPRS 58651

Apr 73

Kron, A. W.

Testing of induction motors by means of a two
frequency supply.

ELEKTROTECHNISCHE ZEITSCHRIFT A, Vol. 94, No 2, Feb 1973

pp 77-82

G. E. trans 8179

More Powerful High Voltage Transformers Introduced,
by A. I. Mayorets, 14 pp.
RUSSIAN, per. Elektrotehnika, Moscow, No 3, Mar
1973, pp 1-6.
JPRS 59237

June 73

REQ TR CHECK

30-11-73

TB45

UNKNOWN

PALASTIN, L.M.

UR: ELEKTROTEKHNIKA, NO. 5, 1973,

pp. 8-12

In Process

FTD-HT-23-11-3-74

REQ TR CHECK

30-11-73

TB46

UNKNOWN

UPIMTSEV, A.M.

UR: ELEKTROTEKHNIKA, NO. 5, 1973, pp. 23-26

In Review on

FTD-H7-23-1144-74

VAKSER, B. D.

//ELEKTROTEKHNIKA//

--/07/1973, V----, N0007,

Surface erosion of the stator insulation of
high-voltage electrical machines, 11 pp,

pp 45-49, AIR/FTD-HT-23-1149-74

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY
COPYRIGHT INFORMATION. OTHER REQUEST MUST BE
REFERRED TO FTD.

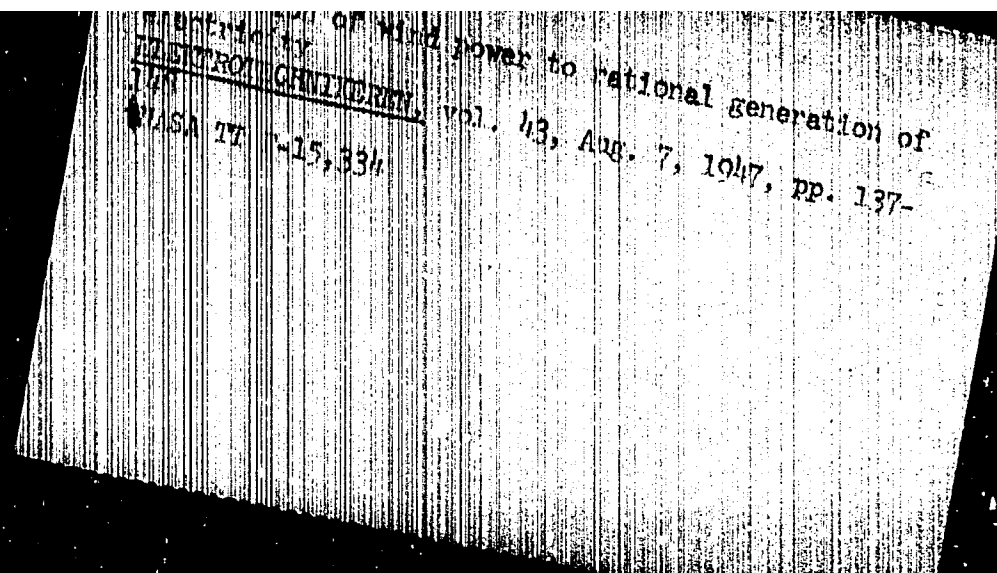
SHARIPOV. A. M.
//ELEKTROTEKHNIKA//
--/08/1973. V0008, N----
Stray load losses in induction motors
pp 4-8 C. E. TRANS 6527##

THE INFLUENCE OF SEVERAL SEPARATORS ON THE CH
ARACTERISTICS OF THE NEGATIVE ELEC

PARSHIKOVA YE V LANGUAGE-RU COUNTRY-UR

ELEKTROTEKHNICA NO 8 1973 PP 52-54
T7

FSTC-HT-23-0004-75



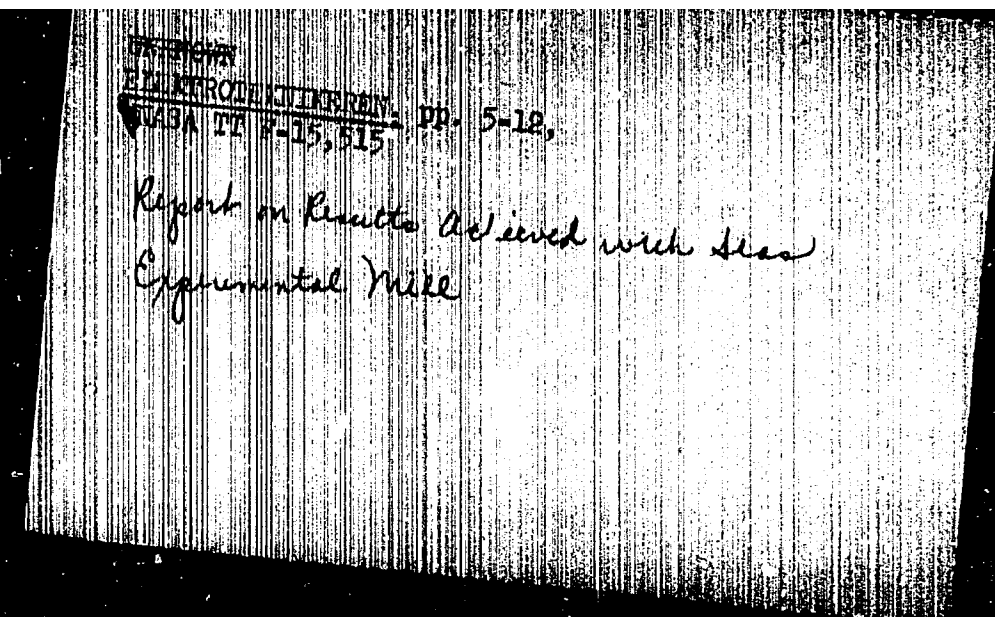
PROTEKNIKEREN//
24/05/1953, V----, N0010 pp 0193-0197
Sea's examination of windpoer in 1952 change
of a wind power mill from direct current to
alternating current production 19 pp
NASA TT F 15439

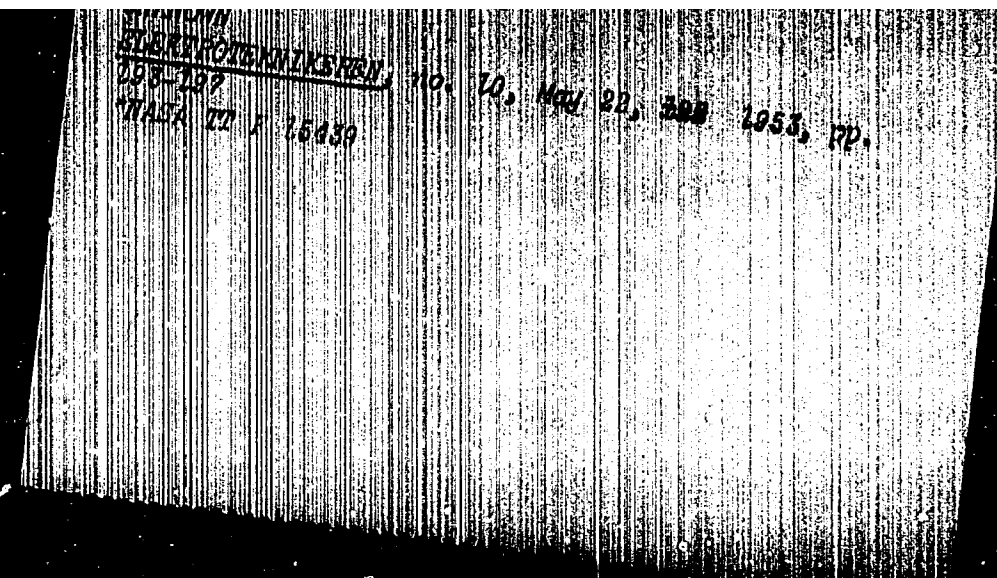
Medvedev, S. K.

Overloads and power losses in capacitors in the presence
of high harmonics.'

ELEKTROTEKHNIKA, no 12, Dec 1966, pp 45-48

C. E. Trans 6212





EULER, J.
//ELECTROCHIMICA ACTA//
--/--/1960, V0002, N----,
Current Distribution in Porous Electrodes 42 pp
PP268-287, AEC/UGRL/TRANS-1513-7498

On the Nature of the Hydrogen Adsorption at Platinum
Metal Electrodes
ELECTROCHIMICA ACTA, v. 7, 1962, pp. 35-38
NTC 78-12601-077
NTIS N72-27752

Contribution to the Kinetic Study of the Anodic
Oxidation of Dissolved Sulfur Dioxide during Electro-
lytic extraction of Copper
ELECTROCHIMICA ACTA, V. 10, 1965, p. 513-527
IC 10-11908

Gabano, J.P.

Study of the Surface Properties of Y-Manganese
Dioxide

ELECTROCHIMICA ACTA, Vol 10, 1965, pp 947-963

*NTIS-TT-74-53122

Electrodes for Alkaline Zinc-Storage Batteries.
By Hladik, O.

ELEKTRODE FÜR ALKALISCHE ZINKAKKUMULATOREN

ARM/FSTC/HT-23-1179-72

H. GEISEL

Temperature Distribution During Induction Heating
of Cylindrical Bodies, Under Consideration of
Thermal Losses.

ELEKTRO-ANZEIGER, No 18, pp26-29, 1966.

NTC 73-10029-20M

Mar 73

Guaranteeing the Power Supply of Electronic Data
Processing Installations, by F. Rathmann.
ELEKTRO-ANZEIGER, Vol 24, No 8, 1971, pp 158-160.
NAVY/APL/JHU-T-2743

May 73

Shchegolev, N. V.

Electroacoustic equipment for automatic control and
measuring systems. 8 pp.

ELEKTROAKUSTICHESKAYA APPARATURA SISTEN AVTONATICHESKOGO
KONTROLA I IZMERENIY, pp 62-71

NAVJNISC-1-70-3470-73

Kudashov, N.V.

Electroacoustic Equipment for Automatic Control and Measuring Systems.

ELEKTROAKUSTICHESKAYA APPARATUR SISTEM AVTOMATICHESKOGO KONTROL'YA I IZMERENIY, pp.62-71.

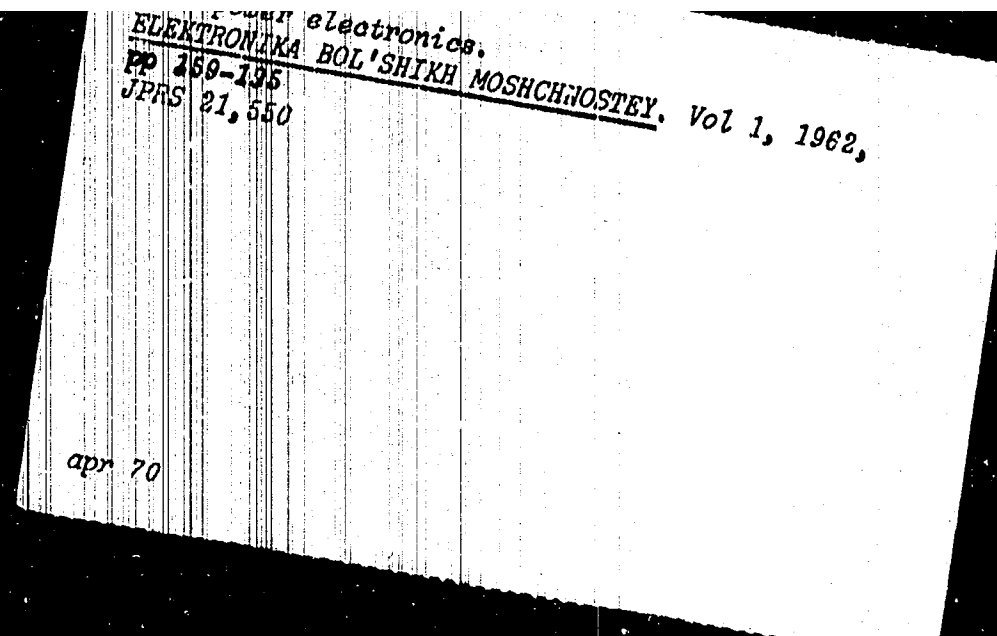
WISC 3070

CONVERTOR UNIT WITH A THYRISTOR ON-OFF SWITCH
AND ELECTRONIC SHIELDING

KARSH, N. ETAL. *12/19p* LANGUAGE-RU COUNTRY-UR

ELEKTROSNAB. V AVTOMAT. USTROYSTV ELECTRI. TY
AGI SBR. VYP 318, '70, 3-1

FSIC-MT-23-0173-74



High-power electronics
ELEKTRONIKA BOL'SHIKH MOSHCHNOSTEY, Vol 2, 1963,
pp 109-157
AEC SLAC

apr 70

High-power electronics
ELEKTRONIKA BOL'SHIKH MOSHCHNOSTEY, Vol 3, 1964,
pp 216-230
FTD-TT-65-1419

apr 70

Jiraj Nook

17 pages

Effect of Technology on Electrical Conductivity of
Thermoelectric Materials,

ELEKTROTECHNICKY CASOPIS, Vol 22, No 4, 1971,
pp 255-267

ACSI-K-12443

PSK-HT-23-1058-72

Aug 73

Gallrein, D.

Multiradar - A Composite Radar Computer System for
Automatic Air Control.

ELEKTRONISCHE DATENVERARBEITUNG, Vol 10. pp 213-220,
1968

NTC 73-10724-09B

may 73

271 pages

Vsevolod Vasil'yevich Maslov

Electrical Equipment for Tropical and Cold
Climates.

ELEKTROOBOUDOVANIYE DLYA TROPICHESKOGO I
KHLODNOGO KLIMATA, 1971, pp 176.

PSD-INT-23-2249-72

Am 73

REQ TO CHECK

15-5-74

TQ66

ELECTROMAGNETIC SHIELDING IN A WIDE RANGE
OF FREQUENCIES

GORDON, I I

UR: ELEKTROMAGNITNOYE EKSHANIROVANIYE V
SHIROKOM DIALIZONE CHASTOT, 1972, 111 pp

[Handwritten signature]
[Handwritten signature]
PTD-MT-24-2649-74

P. FRANKEN

Erlang Formulas for Semimarkovian Input.
ELEKTRONISCHE INFORMATIONEN VERARBEITUNG UND
KYBERNETIK, Vol 4, pp 197-204, 1968.
NTC 73-10087-12A

Mar 73

K. H. Brokmeir

Inductive melting in the line frequency or
in the high frequency induction furnace?

ELEKTROWÄERME INTERNATIONAL, Vol 18, pp 13-

20, 1960

NTC 72-15364-11F

mar 73

G. W. Seulen

Economical aspects of induction surface
hardening with medium and high frequencies.
ELEKTROWÄRME INTERNATIONAL, Vol 20, pp 271-
281, 1962
NTC 72-15365-11F

mar 73

L. W. Berens

Thermal insulation problems in Ramped Coreless induction furnaces.

ELEKTROWÄERME INTERNATIONAL, Vol 23, 1965, pp 519-524

NTC 73-10030-20M

mar 73

W. VOGT

Contribution to the Theory of Bath Movement in Coreless
Induction Furnaces.

ELEKTROWÄERME INTERNATIONAL, Vol 24, pp 357-362, 1966.

NTC 73-10026-09C

Mar 73

K. SCHRETZMANN

Inductive Generation and Conduction of Heat in
Cylindrical Rod and Tube.

ELEKTROWÄERME INTERNATIONAL, Vol 24, pp 415-419, 1966.

NTC 73-10035-20M

Mar 73

K. KEGEL

Determination Depth of Case in High Frequency
Induction Surface Hardening.
ELEKTROWAERME INTERNATIONAL, Vol 24, pp 419-424,
1966.
NTC 73-10031-11F

Mar 73

Geisel, H.

Temperature Distribution in the Induction
Heating of Hollow Cylinders at Constant
Heat Input and Constant Heat Loss 12 pp

ELECTROWARMER, Vol 25, No 3, 1967, pp 86-90

PSTC-HT-23-820-73

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

H. GEISEL

Temperature Distribution in the Inductive Heating
of Hollow Cylinders at Constant Heat Input and
Constant Heat Losses.
ELEKTROWÄRME INTERNATIONAL, Vol. 25, pp 86-90, 1967.
NTC 73-10034-20M

Mar 73

E. KOLBE

Distribution in Space of Current Density in Induction
Heated Bodies, Under Consideration of the Temperature
Field.

ELEKTROWAERME INTERNATIONAL, Vol 25, pp 243-250, 1967.
NTC 73-10033-20M

Mar 73

A. MUEHLBAUER

Electrodynamic Forces Acting in the Bath of Induction
Furnaces.

ELEKTROWAERME INTERNATIONAL, Vol 25, pp 461-473, 1967.

NTC 73-10082-09C

Mar 73

K. REICHERT

A Numerical Method for Calculating Induction
Heating Installations.

ELEKTROWÄERME INTERNATIONAL, Vol 26, pp 113-123,
1968.

NTC 72-15380-13A

MAR 73

F. HEGEWALDT

Induction Melting and Holding Furnaces.
ELEKTROWÄERME INTERNATIONAL, Vol 26, pp 343-350,
1988.
NTC 73-10037-13A

Mar 73

K. A. Zischka

Contribution to the mathematical theory
of induction hardening.

ELEKTROWÄRME INTERNATIONAL, Vol 28, pp 135-
149, 1970

NTC 72-15378-11F

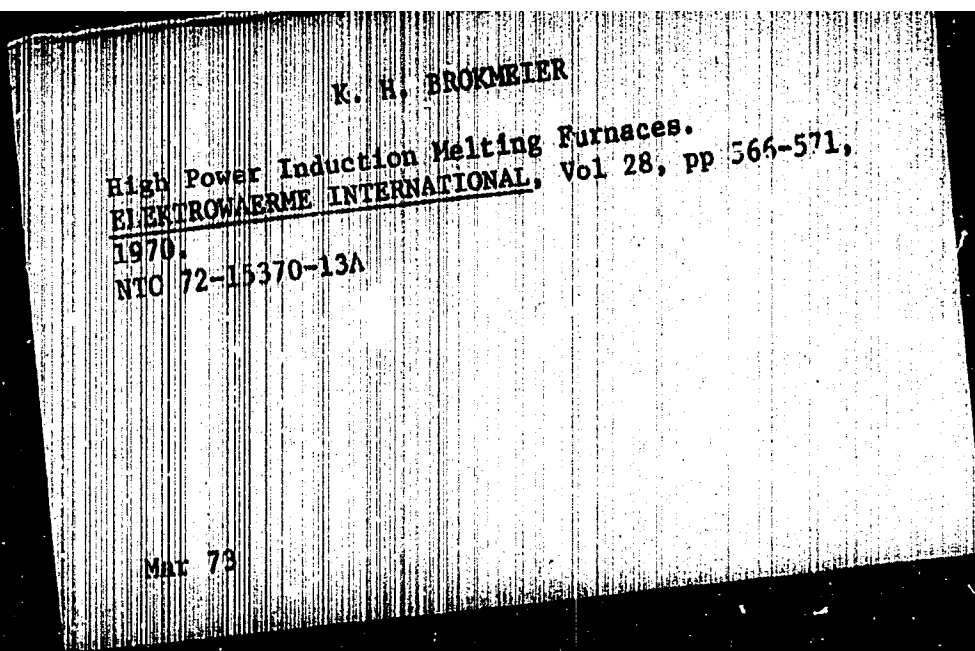
mar 73

F. Hegewaldt

Induction melting: problems in design.
ELEKTROWÄRME INTERNATIONAL, Vol 28, pp 197-
207, 1970

NTC 72-15368-11F

mar 73



W. Lang

Melting of ferrous and nonferrous metals
in induction furnaces from the viewpoint of
process technology.

ELEKTROWÄRME INTERNATIONAL, Vol 28, pp 571-

575, 1970

NTC 72-15372-11H

mar 73

H. Klein

Induction billet heating.
ELEKTROWÄRME INTERNATIONAL, Vol 28, pp 580-
583, 1970.
NTC 72-15371-09C

mar 73

F. REINKE

The Single-Shot Method of Induction Surface
Hardening with Static Frequency Converters.
ELEKTROWERME INTERNATIONAL, Vol 29, pp 202-212, 1971.
NTC 72-15379-13H

Mar 73

H. JUERGENS

Induction and Direct Resistance Heating for Hot
Forming.

ELEKTROWÄRME INTERNATIONAL, Vol 29, pp 216-219, 1971.

NTC 72-15367-13.

Mar 73

E. Kreysa

Large capacity channel induction furnaces.
ELEKTROWÄERME INTERNATIONAL, Vol 29, pp 323-
327, 1971
NTC 72-15366-11F

mar 73